Benjamin harrison

Lesson 9 assignmnet

Code

import locale

def get\_monthly\_income():

    while True:

        try:

            income = float(input("Enter your monthly income: "))

            if income < 0:

                raise ValueError("Income cannot be negative.")

            return income

        except ValueError as e :

            print(f"The following error has occured; ",{e})

def get\_expenses():

    expenses = []

    while True:

        try:

            expense = input("Enter an expense (or type 'done' to finish): ")

            if expense.lower() == 'done':

                break

            expense = float(expense)

            if expense < 0:

                raise ValueError("Expense cannot be negative.")

            expenses.append(expense)

        except ValueError:

            print("Invalid input. Please enter a number.")

        except ValueError as e:

            print(f"The following error has occured; ",{e})

    return expenses

def main():

    print("Welcome to the Budget Calculator Program!")

    income = get\_monthly\_income()

    expenses = get\_expenses()

    total\_expenses = sum(expenses)

    remaining\_budget = income - total\_expenses

    locale.setlocale(locale.LC\_ALL, 'en\_US')

    print(f"\nTotal Income: {locale.currency(income, grouping=True)}")

    print(f"Total Expenses: {locale.currency(total\_expenses, grouping=True)}")

    print(f"Remaining Budget: {locale.currency(remaining\_budget, grouping=True)}\n")

    print("Expenses:")

    for i, expense in enumerate(expenses, 1):

        print(f"{i}. {locale.currency(expense, grouping=True)}")

    print("Completed by, Benjamin Harrison")

if \_\_name\_\_ == "\_\_main\_\_":

    main()

screen shot of code

A screen shot of a computer program

Description automatically generated

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Description automatically generated

Sccreenshot of terminal

A computer screen shot of a program

Description automatically generated